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PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No.	06137.0016.US03
First Named Inventor or Application Identifier	Lazarus
Title	Improved Enzymes for the Production of 2-Keto-L-Gulonic Acid
Express Mail Label No.	

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 44]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
3. Oath or Declaration [Total Pages 1]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).
- ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence (if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)  
(should be specifically itemized)
14. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

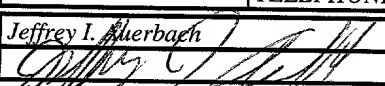
**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

- ☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 08/749,337

Prior Application Information: Examiner: Schmock, J Group/Art Unit: 1632

**18. CORRESPONDENCE ADDRESS**

- ☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

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Signature			Date	June 15, 1999	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

06/15/99 10648 U.S. PTO  
**HOWREY & SIMON**

June 15, 1999

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Assistant Commissioner for Patents  
Washington, D.C. 20231

***Box Patent Application***

Re: New U.S. Non-Provisional Utility Patent Application  
Appl. No. (to be assigned); Filed: (herewith)  
Continuation of U.S. Appl. No. 08/749,337, filed: November 14, 1996  
For: **IMPROVED ENZYMES FOR THE PRODUCTION OF 2-KETO-L-  
GULONIC ACID**  
Inventors: Robert A. Lazarus, Mark Hurle, Stephen Anderson and David  
Powers  
Our Ref: 06137.0016.US03

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a continuation application of prior Application Number 08/749,337, which is a continuation of prior Applications Numbered 08/249,377 and 07/941,414, consisting of the following documents:

1. Utility Patent Application Transmittal Form PTO/SB/05;
2. U.S. Utility Patent Application, entitled: **Improved Enzymes for the Production of 2-Keto-L-Gulonic Acid**

and naming as inventors: Robert A. Lazarus, Mark Hurle, Stephen Anderson and David Powers

the application comprising:

- a. The specification containing:
  - (i) 37 pages of description prior to the claims;
  - (ii) 6 pages of claims (41 claims);
  - (iii) a one (1) page abstract;

Assistant Commissioner for Patents

June 15, 1999

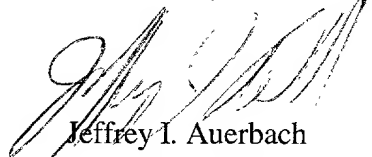
Page 2

- b. 3 sheets of drawings: (Figures 1-3);
  - c. Copy of the executed combined inventors' Declaration and Power of Attorney from prior application no. 07/941,414; and
3. Two (2) return post cards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This application is being filed without sequence listings or filing fees.

Respectfully submitted,



Jeffrey I. Auerbach  
Reg. No. 32,680

Enclosures